



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification: A61K 35/74, C12N 1/20, A23L 1/29, A23C 9/152 II (C12N 1/20, C12R 1/225)		A1	(11) International Publication Number: WO 00/53202 (43) International Publication Date: 14 September 2000 (14.09.00)		
(21) International Application Number: PCT/EP00/01798		(74) Agent: STRAUS, Alexander; Becker, Kurig, Straus, Bavariastrasse 7, D-80336 München (DE).			
(22) International Filing Date: 2 March 2000 (02.03.00)					
(36) Priority Data: 99104922.2 11 March 1999 (11.03.99) EP 99104924.8 11 March 1999 (11.03.99) EP		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).			
(71) Applicant (for all designated States except US): SOCIETE DES PRODUITS NESTLE S.A. [CH/CH]; P.O. Box 353, CH-1800 Vevey (CH).					
(72) Inventors; and					
(75) Inventors/Applicants (for US only): RENIERO, Roberto [IT/CH]; 24, Chemin Paudille, CH-1801 Le Mont-Pèlerin (CH), BRUESSOW, Harald [DE/CH]; 13, Chemin de la Chauméry, CH-1814 La Tour de Peilz (CH), ROCHAT, Florence [CH/CH]; 6, Quartier des Tilleuls, CH-1820 Montreux (CH), VON DER WEID, Thierry [CH/CH]; 10, Route de la Bordinette, CH-1094 Paudex (CH), BLUM-SPERISEN, Stéphanie [DE/CH]; 13, Avenue des Mousquines, CH-1005 Lausanne (CH), NEESER, Jean-Richard [CH/CH]; 6, Sentier de Courtanay, CH-1073 Savigny (CH), SERVIN, Alain [FR/FR], UFR de Sc. Ph. Paris XI, Faculté de Pharmacie (DÉP. Microb./Immunol.), F-92296 Chatenay-Malabry (FR).		<p>Published  <i>With an international search report.</i>  <i>With an indication in relation to deposited biological material furnished under Rule 13bis separately from the description.</i></p>			
(54) Title: LACTOBACILLUS STRAINS CAPABLE OF PREVENTING DIARRHOEA CAUSED BY PATHOGENIC BACTERIA AND ROTAVIRUSES					
(57) Abstract					
<p>The present invention pertains to novel microorganisms of the family Lactobacillaceae, especially to microorganisms of the genus Lactobacillus, that are useful in preventing or treating diarrhoea brought about by rotaviruses and pathogenic bacteria. In particular, the present invention relates to the use of said microorganisms for the preparation of an ingestable support and to a composition containing the same.</p>					